

Atty's 21527

Pat. App. 09/601,014

4            respective position sensors/ associated with the elements  
5   for determining actual positions of the respective elements; and  
6            a memory connected to the sensors for recording the  
7   actual positions determined by the sensors,  
8   the improvement comprising  
9            a computer connected to the memory and to the position  
10   sensors for calculating the difference between the actual positions  
11   determined by the sensors and respective desired positions; and  
12            a respective display device <sup>positioned</sup> at each machine element <sup>respective</sup>  
13   connected to the computer for showing the <sup>calculated</sup> respective difference  
14   between the respective actual position and the respective desired  
15   position, whereby an operator of the machine can manually position  
16   the elements in accordance with the difference displayed by the  
17   display device at each element.

1            8. The improved box-making machine defined in claim 7  
2   wherein the computer also calculates a direction in which the  
3   elements must be displaced to move to the desired positions and the  
4   display devices show this direction at the respective elements.

1            9. The improved box-making machine defined in claim 7,  
2   further comprising  
3            a bus system connecting the computer and memory to the  
4   sensors.

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1           10. The improved box-making machine defined in claim 7  
2 wherein the computer and memory are separate units.

1           11. The improved box-making machine defined in claim 7  
2 wherein the computer includes a calculator at each position sensor  
3 for determining the respective difference.

1           12. The improved box-making machine defined in claim 7  
2 wherein each display device is integrated with the position detec-  
3 tor of the respective element.

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